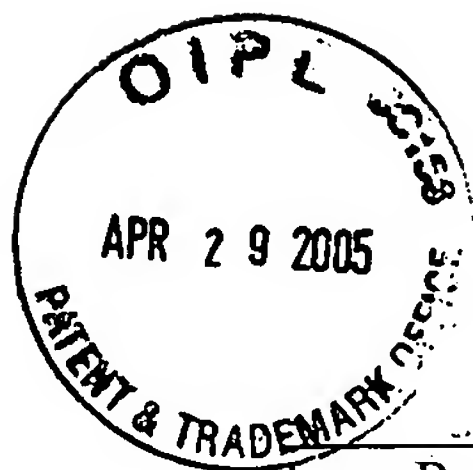


ACT



Docket No.: 13111-00001-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Markus Matuschek et al.

Application No.: 10/521,916

Confirmation No.: N/A

Filed: January 20, 2005

Art Unit: N/A

For: PROCESS FOR THE BIOTRANSFORMATION  
OF CAROTENOIDS

Examiner: Not Yet Assigned

**SECOND PRELIMINARY AMENDMENT**

MS Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is an Amendment to the Sequence Listing pursuant to 37 C. F. R. 1.825(a).

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendment to the Specification** directing entry of the attached Sequence Listing begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.